

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/05133

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04B1/28 H03M1/18 H03G3/30 H04B1/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04B H03M H03G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	WO 02 091104 A (ATHEROS COMMUNICATIONS INC) 14 November 2002 (2002-11-14) page 4, line 30 -page 7, line 23; figures 2,3	1-9, 13, 14 12
X	US 2002/163979 A1 (TAKATZ MARK J ET AL) 7 November 2002 (2002-11-07) column 1, paragraph 24 -column 2, paragraph 28; figure 1 -/--	1-11, 15-20

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

22 March 2004

Date of mailing of the international search report

29/03/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	TSURUMI H ET AL: "SYSTEM-LEVEL COMPENSATION APPROACH TO OVERCOME SIGNAL SATURATION, DC OFFSET, AND 2ND-ORDER NONLINEAR DISTORTION IN LINEAR DIRECT CONVERSION RECEIVER" IEICE TRANSACTIONS ON ELECTRONICS, INSTITUTE OF ELECTRONICS INFORMATION AND COMM. ENG. TOKYO, JP, vol. E82-C, no. 5, May 1999 (1999-05), pages 708-715, XP000919541 ISSN: 0916-8524	1
Y	page 709, left-hand column, line 1 -page 710, right-hand column, line 15; figures 1,3,5 -----	12

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 02091104	A	14-11-2002	US	2003012313 A1	16-01-2003
			US	2002183027 A1	05-12-2002
			WO	02091104 A2	14-11-2002
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US 2002163979	A1	07-11-2002	NONE		
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